

CRF Errors Corrected by the STIC System Branch

0590
017 ORE

Serial Number: 09/817,774

CRF Processing Date: 1/26/2002
Edited by: [Signature]
Verified by: [Signature] (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: #3
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included:
- ☐ Deleted extra, invalid, headings used by an applicant, specifically:
- ☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as
- ☐ Inserted mandatory headings, specifically:
- ☐ Corrected an obvious error in the response, specifically:
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically:
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected:
- ☒ Other: Seq 36- deleted number under stop codon



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/817,774

DATE: 01/26/2002

TIME: 15:55:44

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01252002\I817774.raw

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3 <110> APPLICANT: CHOE, Sunghwa
4   FELDMANN A., Kenneth
6 <120> TITLE OF INVENTION: Dwf5 MUTANTS
8 <130> FILE REFERENCE: 2225-0020 / 91020.002
10 <140> CURRENT APPLICATION NUMBER: 09/817,774
11 <141> CURRENT FILING DATE: 2001-03-26
13 <150> PRIOR APPLICATION NUMBER: 60/192,202
14 <151> PRIOR FILING DATE: 2000-03-27
16 <160> NUMBER OF SEQ ID NOS: 45
18 <170> SOFTWARE: PatentIn Ver. 2.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 29
22 <212> TYPE: DNA
23 <213> ORGANISM: Artificial Sequence
25 <220> FEATURE:
26 <223> OTHER INFORMATION: Description of Artificial Sequence: DW5_FF
28 <400> SEQUENCE: 1
29 gtgtgagtaa tttaggtcaa cacagatca                               29
32 <210> SEQ ID NO: 2
33 <211> LENGTH: 28
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Description of Artificial Sequence: DW5_LR
40 <400> SEQUENCE: 2
41 ggctcggctt tttgatgatt ccaacggt                               28
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 28
46 <212> TYPE: DNA
47 <213> ORGANISM: Artificial Sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Description of Artificial Sequence: DW5_2F
52 <400> SEQUENCE: 3
53 tgtggttaacc taataattga cttctatt                               28
56 <210> SEQ ID NO: 4
57 <211> LENGTH: 30
58 <212> TYPE: DNA
59 <213> ORGANISM: Artificial Sequence
61 <220> FEATURE:
62 <223> OTHER INFORMATION: Description of Artificial Sequence: DW5_2R
64 <400> SEQUENCE: 4
65 ggagaagtgt agacagaagg caccacact                               30
68 <210> SEQ ID NO: 5

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RAW SEQUENCE LISTING

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69 <211> LENGTH: 29
70 <212> TYPE: DNA
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: DW5_3F
76 <400> SEQUENCE: 5
77 attggaacac catggacatt gcacatgac 29
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 29
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: DW5_4F
88 <400> SEQUENCE: 6
89 aggggtccaat atctccagcc ggaaaccga 29
92 <210> SEQ ID NO: 7
93 <211> LENGTH: 28
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence: DW5_4R
100 <400> SEQUENCE: 7
101 gaaaatattt cacccaagtg atcataga 28
104 <210> SEQ ID NO: 8
105 <211> LENGTH: 27
106 <212> TYPE: DNA
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: DW5_5F
112 <400> SEQUENCE: 8
113 ggggtgccttc tgtctacact tctccag 27
116 <210> SEQ ID NO: 9
117 <211> LENGTH: 20
118 <212> TYPE: DNA
119 <213> ORGANISM: Artificial Sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Description of Artificial Sequence: DW5_5R
124 <400> SEQUENCE: 9
125 aaatgacgag ccaatcccca 20
128 <210> SEQ ID NO: 10
129 <211> LENGTH: 33
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Description of Artificial Sequence: D5-3-1
136 <400> SEQUENCE: 10
137 ttactctgat ttgctgacaa tattcggggtt ttg 33
140 <210> SEQ ID NO: 11
141 <211> LENGTH: 33

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142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: D5-3-2
148 <400> SEQUENCE: 11
149 gtaaaaaggt atgggaaata ttggaagctg tat 33
152 <210> SEQ ID NO: 12
153 <211> LENGTH: 33
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: Description of Artificial Sequence: D5-3-3
160 <400> SEQUENCE: 12
161 attgtaacga agtctgttgt tctcatTTTC tac 33
164 <210> SEQ ID NO: 13
165 <211> LENGTH: 24
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence: D5-5-1
172 <400> SEQUENCE: 13
173 aggagccaga aaagtgtgCG agtc 24
176 <210> SEQ ID NO: 14
177 <211> LENGTH: 24
178 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: D5-5-2
184 <400> SEQUENCE: 14
185 caggagaatg acgaaaggTg gaca 24
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 24
190 <212> TYPE: DNA
191 <213> ORGANISM: Artificial Sequence
193 <220> FEATURE:
194 <223> OTHER INFORMATION: Description of Artificial Sequence: D5-5-3
196 <400> SEQUENCE: 15
197 tggacagaag gcgagaagCG ataa 24
200 <210> SEQ ID NO: 16
201 <211> LENGTH: 37
202 <212> TYPE: DNA
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <223> OTHER INFORMATION: Description of Artificial Sequence: poly T primer
207 A1T17
209 <400> SEQUENCE: 16
210 ggccacgcgt cgactagTAC tttttttttt ttttttt 37
213 <210> SEQ ID NO: 17
214 <211> LENGTH: 33

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215 <212> TYPE: DNA
216 <213> ORGANISM: Artificial Sequence
218 <220> FEATURE:
219 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
220     D5WKPN-F
222 <400> SEQUENCE: 17
223 atcggtacca agcagaagaa gaaaatggcg gag                               33
226 <210> SEQ ID NO: 18
227 <211> LENGTH: 37
228 <212> TYPE: DNA
229 <213> ORGANISM: Artificial Sequence
231 <220> FEATURE:
232 <223> OTHER INFORMATION: Description of Artificial Sequence: primer
233     D5BAM-5
235 <400> SEQUENCE: 18
236 atcggatccg catttttggt ttggctcggt cttttga                             37
239 <210> SEQ ID NO: 19
240 <211> LENGTH: 12
241 <212> TYPE: PRT
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Description of Artificial Sequence: signature
246     sequence 1
248 <220> FEATURE:
249 <221> NAME/KEY: SITE
250 <222> LOCATION: (3)
251 <223> OTHER INFORMATION: Xaa is a variable residue
253 <220> FEATURE:
254 <221> NAME/KEY: SITE
255 <222> LOCATION: (9)..(10)
256 <223> OTHER INFORMATION: Xaa is a variable residue
258 <400> SEQUENCE: 19
W--> 259 Leu Leu Xaa Ser Gly Trp Trp Gly Xaa Xaa Arg His
260     1             5             10
263 <210> SEQ ID NO: 20
264 <211> LENGTH: 7
265 <212> TYPE: PRT
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence: signature
270     sequence 2
272 <220> FEATURE:
273 <221> NAME/KEY: SITE
274 <222> LOCATION: (5)..(6)
275 <223> OTHER INFORMATION: Xaa is a variable residue
277 <400> SEQUENCE: 20
W--> 278 Glu Phe Gly Gly Xaa Xaa Gly
279     1             5
282 <210> SEQ ID NO: 21

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RAW SEQUENCE LISTING

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283 <211> LENGTH: 9
284 <212> TYPE: PRT
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Description of Artificial Sequence: signature
289     sequence 3
291 <400> SEQUENCE: 21
292 Gly Arg Cys Leu Ile Trp Gly Arg Lys
293   1               5
296 <210> SEQ ID NO: 22
297 <211> LENGTH: 426
298 <212> TYPE: PRT
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <223> OTHER INFORMATION: Description of Artificial Sequence: LBR-HUMAN
304 <400> SEQUENCE: 22
305 Lys Glu Leu Ala Val Arg Thr Phe Glu Val Thr Pro Ile Arg Ala Lys
306   1               5               10               15
308 Asp Leu Glu Phe Gly Gly Val Pro Gly Val Phe Leu Ile Met Phe Gly
309           20               25               30
311 Leu Pro Val Phe Leu Phe Leu Leu Leu Met Cys Lys Gln Lys Asp
312           35               40               45
314 Pro Ser Leu Leu Asn Phe Pro Pro Leu Pro Ala Leu Tyr Glu Leu
315           50               55               60
317 Trp Glu Thr Arg Val Phe Gly Val Tyr Leu Leu Trp Phe Leu Ile Gln
318   65               70               75               80
320 Val Leu Phe Tyr Leu Leu Pro Ile Gly Lys Val Val Glu Gly Thr Pro
321           85               90               95
323 Leu Ile Asp Gly Arg Arg Leu Lys Tyr Arg Leu Asn Gly Phe Tyr Pro
324           100              105              110
326 Phe Ile Leu Thr Ser Ala Val Ile Gly Thr Ser Leu Phe Gln Gly Val
327           115              120              125
329 Glu Phe His Tyr Val Tyr Ser His Phe Leu Gln Phe Ala Leu Ala Ala
330           130              135              140
332 Thr Val Phe Cys Val Val Leu Ser Val Tyr Leu Tyr Met Arg Ser Leu
333  145              150              155              160
335 Lys Ala Pro Arg Asn Asp Leu Ser Pro Ala Ser Ser Gly Asn Ala Val
336           165              170              175
338 Tyr Asp Phe Phe Ile Gly Arg Glu Leu Asn Pro Arg Ile Gly Thr Phe
339           180              185              190
341 Asp Leu Lys Tyr Phe Cys Glu Leu Arg Pro Gly Leu Ile Gly Trp Val
342           195              200              205
344 Val Ile Asn Leu Val Met Leu Leu Ala Glu Met Lys Ile Gln Asp Arg
345           210              215              220
347 Ala Val Pro Ser Leu Ala Met Ile Leu Val Asn Ser Phe Gln Leu Leu
348  225              230              235              240
350 Tyr Val Val Asp Ala Leu Trp Asn Glu Glu Ala Leu Leu Thr Thr Met
351           245              250              255
353 Asp Ile Ile His Asp Gly Phe Gly Phe Met Leu Ala Phe Gly Asp Leu

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VERIFICATION SUMMARY

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Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\01252002\I817774.raw

L:259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19

L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20